UNITED KINGDOM
CIVIL AVIATION AUTHORITY

FR24
Issue 4
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Type: EC135

TYPE CERTIFICATE DATA SHEET No. FR24

This data sheet which is part of CAA Type Certificate No. FR24 prescribes conditions and limitations under which the product, for which the type certificate was issued, meets the airworthiness requirements of the Civil Aviation Authority.

TYPE CERTIFICATE HOLDER:
Eurocopter Deutschland GmbH
D-81663 Munich
Germany

MANUFACTURER:
Eurocopter Deutschland GmbH
D-81663 Munich and D-86603 Donauworth
Germany

AIRCRAFT TYPE:
EC135

MODEL NUMBER(S):
EC135 T1
EC135 T2

TYPE DESIGN DEFINITION:

L000M0007051	EC135 Basic.Masterlist
L000M0001051	Basic.Model EC135 T1
L000M0005051	Basic Helicopter (without engines)
L710M0010052	Engine Kit Turbomeca
L000M0009051	Variant EC135 T1 (CPDS), EC135 T2 (CPDS)

CERTIFICATION BASIS:
JAR 27 Initial Issue 6 September 1993, including Appendix B and C, as amended by Luftfahrt-Bundesamt Special Conditions SC No's. 1 to 4 and CAA Special Condition EC135/INT/POL/27&29/1

CERTIFICATION CATEGORY:
Transport Category (Passenger)

PERFORMANCE CATEGORY:
Air Navigation (General) Regulations Group A

FLIGHT MANUAL:

EC135 T1, approved by Luftfahrt-Bundesamt

EC135 T1 (CPDS), approved by Luftfahrt-Bundesamt, for variant with CPDS.

EC135 T2 (CPDS), approved by Luftfahrt-Bundesamt, for variant with Turbomeca Arrius 2B2 and with CPDS.

ENGINE:

EC135 T1: 2 Turbomeca Arrius 2B, 2B1, 2B1A, TCDS No. 3023 and TCDS No. JAA/E/96-014.

EC135 T2: 2 Turbomeca Arrius 2B2, TCDS No. JAA/E/96-014

PROPELLER:

Not Applicable

MAXIMUM WEIGHTS:

	Lb	Kg
Maximum Taxying weight		
Maximum take-off weight		2835
Maximum landing weight		2835
Maximum zero fuel weight		
Maximum aerobatic weight		

DIMENSIONS:

	Ft	M
Length (Fuselage)		10.20
Wingspan (Rotor Diameter)		10.20
Height		3.51
Wing area		

MINIMUM CREW:

One Pilot

MAXIMUM OCCUPANTS/PASSENGERS:

Seven occupants (including pilot).
The maximum number of passengers/occupants ins limited by the space available in the cabins (occupants).

OPERATING LIMITATIONS:

Engine operating limitations
Rotor speed and transmission limitations (Helicopters)
Airspeed/Mach limitations (IAS/IMN) - V_{NE}

MANDATORY MAINTENANCE INSTRUCTIONS:

Life Limited Parts - Aircraft Maintenance Manual Chapter 04

NOISE:

No. 211 (for aircraft with MAUW up to 2730 kg)
No. 255 (for aircraft with MAUW above 2730 kg)

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